

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1. *(Original)* A wireless base station that constructs a wireless communication network using a system identification code, comprising:

recognizing means for recognizing a system identification code used by another wireless base station; and

setting means for setting a system identification code used by the wireless base station, based on the system identification code recognized by said recognizing means.

2. *(Original)* A wireless base station according to claim 1, further comprising:

first receiving means for receiving a notification signal including a system identification code from the other wireless base station; and

wherein said recognizing means recognizes the system identification code used by the other wireless base station based on the notification signal received by said first receiving means.

3. *(Original)* A wireless base station according to claim 1, further comprising:

second receiving means for receiving a signal from a communication apparatus whose communication is controlled by the other wireless base station; and

wherein said recognizing means recognizes the system identification code used by the other wireless base station based on the signal received by said second receiving means.

4. *(Original)* A wireless base station according to claim 3, wherein said second receiving means receives a response signal responsive to a request from the wireless base station.

5. *(Original)* A wireless base station according to claim 1, wherein said setting means sets a system identification code different to the system identification code recognized by said recognizing means.

6. *(Original)* A wireless base station according to claim 1, further comprising:

generating means for generating the system identification code; and

wherein said setting means sets the system identification code generated by said generating means based on the system identification code recognized by said recognizing means.

7. (*Original*) A wireless base station according to claim 6, wherein said generating means generates a system identification code different to the system identification code previously generated, based on the system identification code recognized by said recognizing means.
8. (*Original*) A wireless base station according to claim 6, wherein said generating means automatically generates the system identification code.
9. (*Original*) A wireless base station according to claim 6, wherein said generating means generates the system identification code based on an operation by a user.
10. (*Original*) A wireless base station according to claim 1, wherein said recognizing means recognizes the system identification code used by a plurality of channels.
11. (*Original*) A wireless base station according to claim 1, wherein the system identification code is a Service Set Identifier for use in a wireless LAN communication according to IEEE 802.11 Standard.
12. (*Original*) A wireless base station according to claim 1, wherein said wireless base station is an access point for performing a wireless LAN communication according to IEEE 802.11 Standard.
13. (*Original*) A control method for a wireless base station that constructs a wireless communication network using a system identification code, comprising:  
a recognizing step of receiving a system identification code used by another wireless base station; and  
a setting step of setting a system identification code used by the wireless base station, based on the system identification code recognized in said recognizing step.
14. (*Currently Amended*) A computer-readable storage medium storing a computer program for-  
~~causing a computer to controlling~~ a wireless base station that constructs a wireless communication network using a system identification code, the program comprising:  
a recognizing module for recognizing a system identification code used by another wireless base station; and

a setting module for setting a system identification code used by said wireless base station, based on the system identification code recognized by said recognizing module.